

- d) suspending said film between said coating device and said substrate; and
- e) contacting said film with said advancing substrate wherein the thermoplastic composition is released from the coating device at a temperature of less than about 160° C.

Please amend the following claims:

2. The method according to claim 1, wherein said substrate is a textile material.
3. The method according to claim 1, wherein the coating device is spaced from the path of the substrate at a distance between about 0.5 to about 20 mm.
4. The method according to claim 3, wherein the distance between the coating device and the substrate is less than about 10 mm.
5. The method according to claim 1, wherein the coating device is a slot nozzle.
6. The method according to claim 5, wherein said slot nozzle has a shim gap of less than 5 mm.
7. The method according to claim 1, wherein the substrate is directed substantially vertically immediately after passing the coating device.
8. The method according to claim 1, wherein the thermoplastic composition is dispensed onto the substrate such that the coating weight is less than about 30 g/m².
9. The method according to claim 1, wherein the thermoplastic composition is coated at a rate of at least about 200 meters/min.

Duplicate claim. N.E.

10. A method of forming a continuous film layer of a thermoplastic composition onto a substrate, said method comprising the steps of:
 - a) providing a molten thermoplastic composition;
 - b) advancing a substrate along a path;
 - c) dispensing a continuous film of said thermoplastic composition from a coating device at a coating temperature wherein the thermoplastic composition has a complex viscosity of less than about 500 poise at about 1000 radians/seconds at the coating temperature and a complex viscosity ranging from about 100 poise to about 1,000 poise at about 1 radian/second at the coating temperature;
 - d) suspending said film between said coating device and said substrate; and
 - e) contacting said film with said advancing substrate wherein the thermoplastic composition is released from the coating device at a temperature of less than about 160° C.
11. The method according to claim 1, wherein the thermoplastic composition is released from the coating device at a temperature of less than about 125° C.
12. The method according to claim 1, wherein the thermoplastic composition is released from the coating device at a temperature of less than about 110° C.
13. An article comprising a body fluid permeable barrier layer, said barrier layer formed by a method comprising the steps of:
 - a) providing a flowable thermoplastic composition having a complex viscosity at the coating temperature of less than about 500 poise at about 1,000 radians/second and ranging from about 100 to about 1000 poise at 1 radian/sec;
 - b) providing a moving substrate;
 - c) dispensing said thermoplastic composition as a continuous film from a coating device;
 - d) suspending said film between said coating device and said substrate;
 - e) contacting said film with said substrate.

N.E.
claim canceled

34. The article of claim 32 wherein the thermoplastic composition is shear thinning.
35. The article of claim 33 wherein the thermoplastic composition is shear thinning.
36. A disposable article comprising a permeable substrate layer and one fluid impermeable barrier layer substantially adhered to the permeable substrate layer on at least one face, wherein said barrier layer comprises a hot melt adhesive coated as a continuous film having a film thickness of less than about 75 microns.
42. The method according to claim 1, wherein the complex viscosity of the hot melt adhesive at the coating temperature is less than about 500 poise at about 1,000 radian/second and ranges from about 100 poise to about 1,000 poise at about 1 radian/second.
49. (amended) The method of claim [49] 1 wherein the thermoplastic polymer is selected from the group consisting of atactic polyalphaolefins, synthetic rubbers, and ethylenic copolymers.
52. (amended) The method of claim 10 wherein the thermoplastic composition is breathable.
53. (amended) The method of claim 10 wherein the thermoplastic composition is water soluble.
54. (amended) The method of claim 10 wherein the thermoplastic composition is biodegradable.
55. (amended) A method of forming a continuous film layer of a hot melt adhesive composition onto a non-woven substrate, said method comprising the steps of:
 - a) advancing a non-woven substrate made from fibers along a path;

- b) dispensing a melted hot melt adhesive composition from a coating device such that it exits the coating device as a continuous film at a coating temperature wherein the hot melt adhesive composition has a complex viscosity ranging from about 100 poise to about 1,000 poise at about 1 radian/second at the coating temperature;
- c) suspending said continuous film such that said film builds in viscosity and cohesive strength such that [filaments and] any fibers of the substrate [surface] do not penetrate said continuous film; and
- d) contacting said film with said advancing substrate wherein the coat weight of the film is less than [2] 30 g/m².

Please add the following new claim:

56. (new) A method of forming a continuous film layer of a thermoplastic composition onto a substrate, said method comprising the steps of:
a) providing a molten thermoplastic composition;
b) advancing a substrate along a path;
c) dispensing a continuous film of said thermoplastic composition from a coating device at a coating temperature wherein the thermoplastic composition has a complex viscosity of less than about 500 poise at about 1000 radians/seconds at the coating temperature and a complex viscosity ranging from about 100 poise to about 1,000 poise at about 1 radian/second at the coating temperature;
d) suspending said film between said coating device and said substrate; and
e) contacting said film with said advancing substrate wherein said substrate is selected from the group consisting of textile material, paper, hook and loop fastening web, polyethylene material, non-woven and combinations thereof.